

FIG. 1

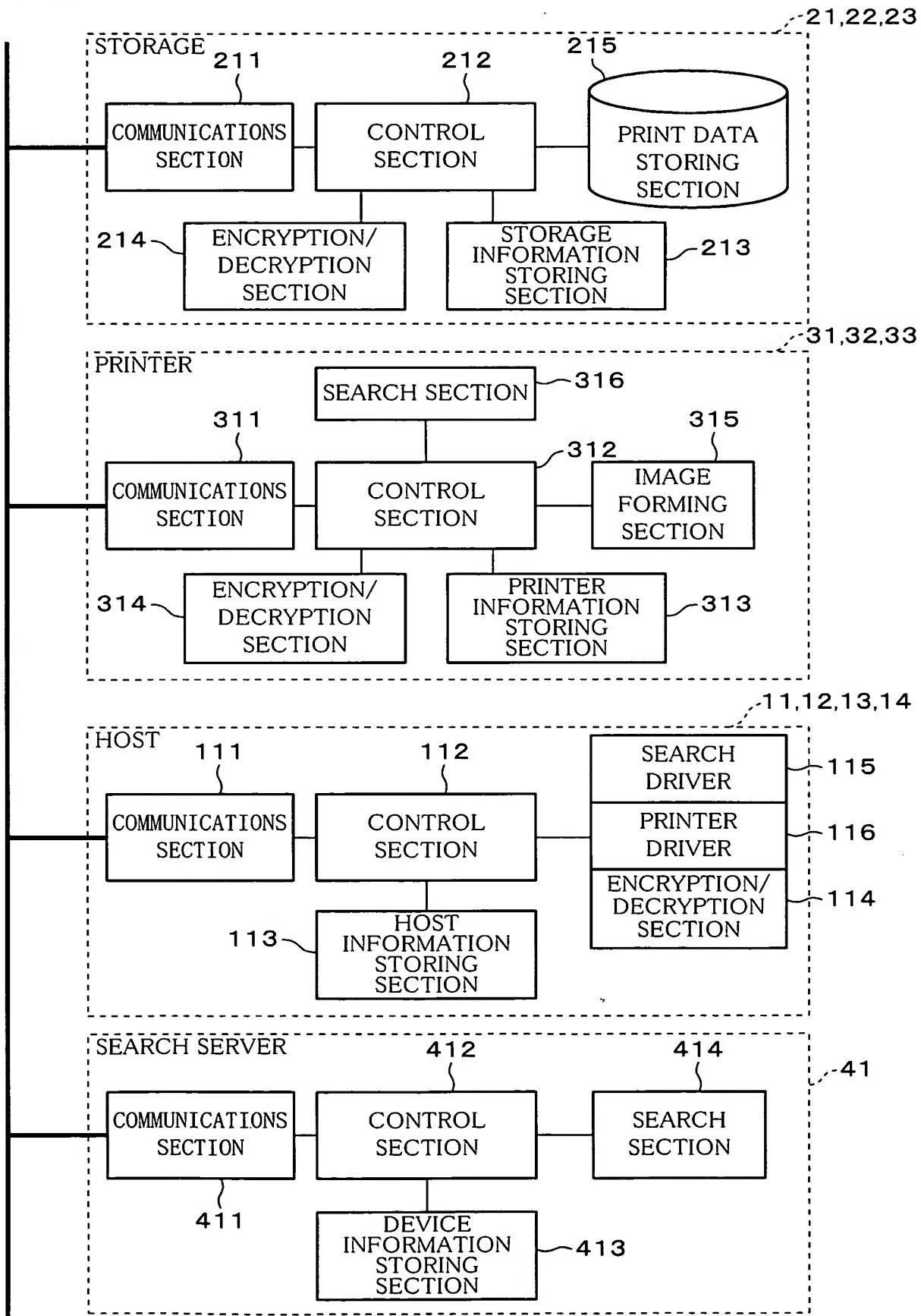


FIG. 2

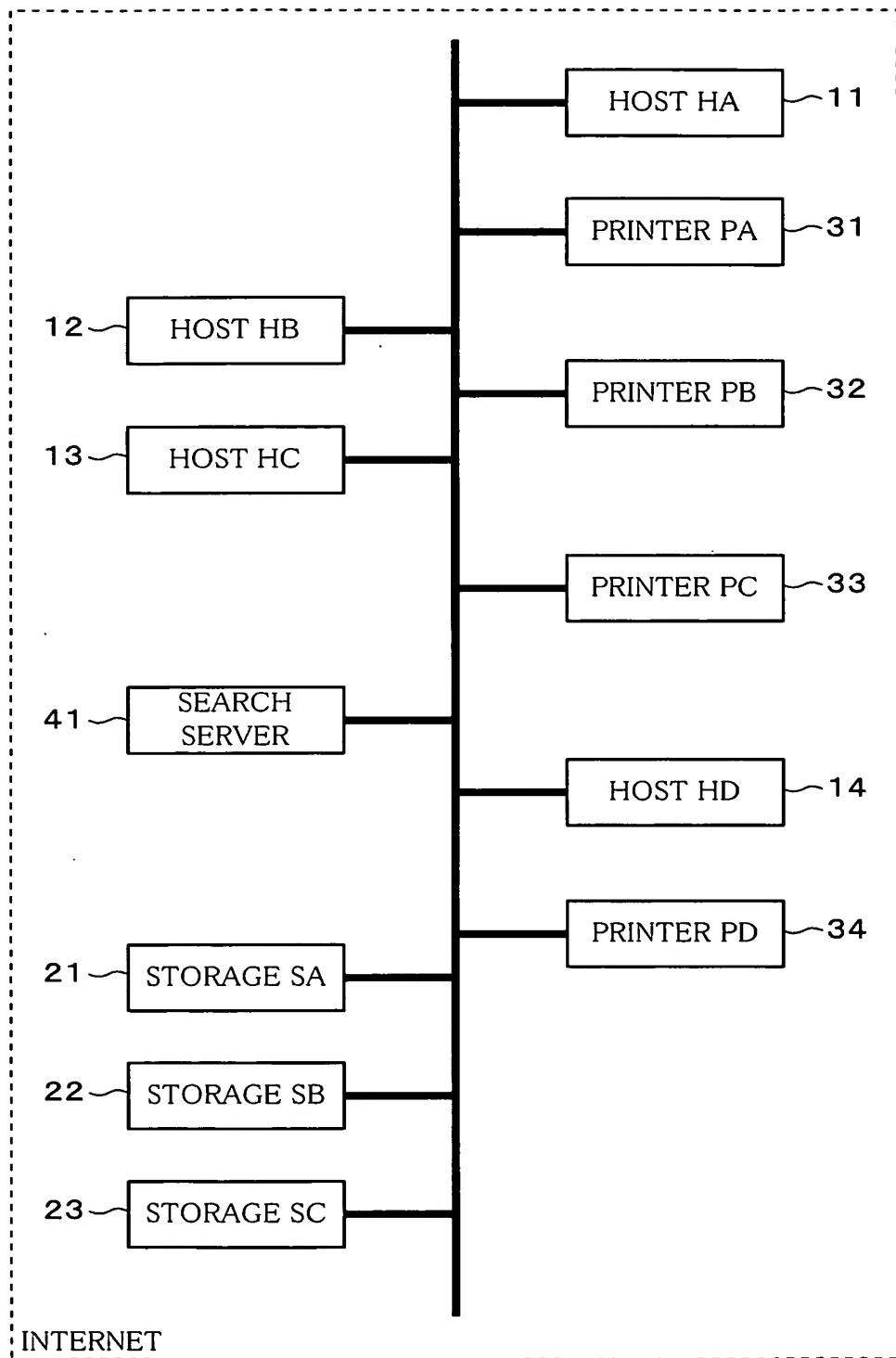


FIG. 3 (a) STORAGE INFORMATION STORING SECTION

STORAGE NAME	STORAGE FEE	DATA PROTECTION FUNCTION (LEVEL)	
STORAGE SA	200 YEN	ONLY ENCRYPTION PROTOCOL 2.0 ENCRYPTION STORAGE, BACKUP FUNCTION	HIGH (TOP SECRET)
STORAGE SB	100 YEN	ONLY ENCRYPTION PROTOCOL 1.0	MEDIUM
STORAGE SC	FREE	—	LOW

FIG. 3 (b) PRINTER INFORMATION STORING SECTION

PRINTER NAME	DATA PROTECTION FUNCTION (LEVEL)	LOCATION	PRINTER FUNCTION
PRINTER PA	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0 DECRYPTION FUNCTION	TOP SECRET	COLOR PRINTING, DOUBLE-SIDED PRINTING
PRINTER PB	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0	HIGH	DOUBLE-SIDED PRINTING, STAPLING
PRINTER PC	ENCRYPTION PROTOCOL 1.0	MEDIUM	COLOR PRINTING, DOUBLE-SIDED PRINTING, STAPLING
PRINTER PD	—	LOW	DOUBLE-SIDED PRINTING, STAPLING

FIG. 3 (c) HOST INFORMATION STORING SECTION

HOST NAME	DATA PROTECTION FUNCTION
HOST HA	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0
HOST HB	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0
HOST HC	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0
HOST HD	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0

FIG. 3 (d) DEVICE INFORMATION STORING SECTION

STORAGE NAME	AVAILABLE PRINTER	SECURITY LEVEL
STORAGE SA	PA	TOP SECRET
STORAGE SB	PB	HIGH
STORAGE SC	PA, PB, PC	MEDIUM
STORAGE SC	PA, PB, PC, PD	LOW

FIG. 4 (a) SECURITY LEVEL:HIGH

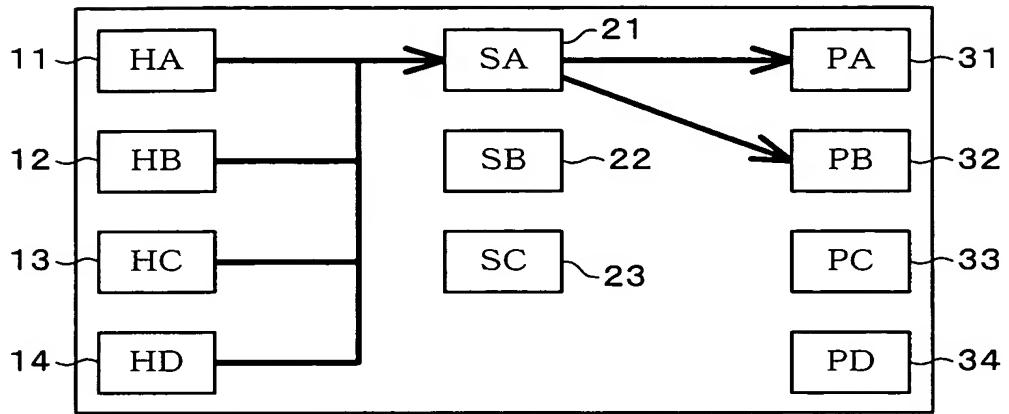


FIG. 4 (b) SECURITY LEVEL:MEDIUM

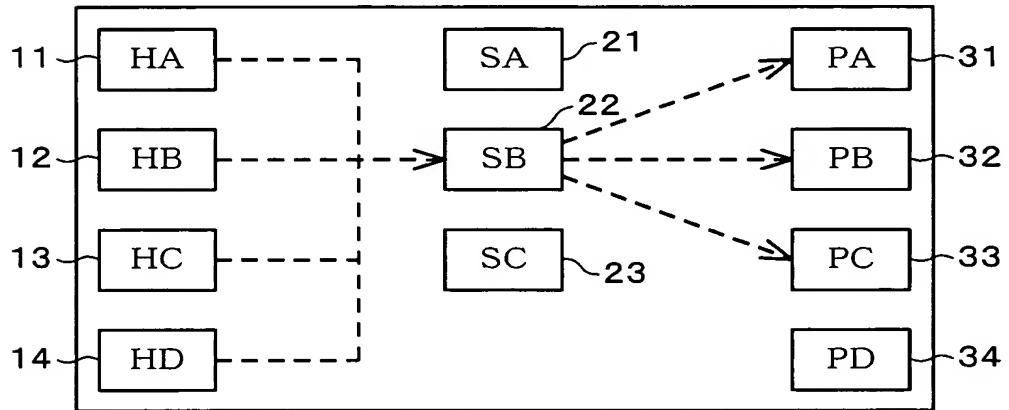


FIG. 4 (c) SECURITY LEVEL:LOW

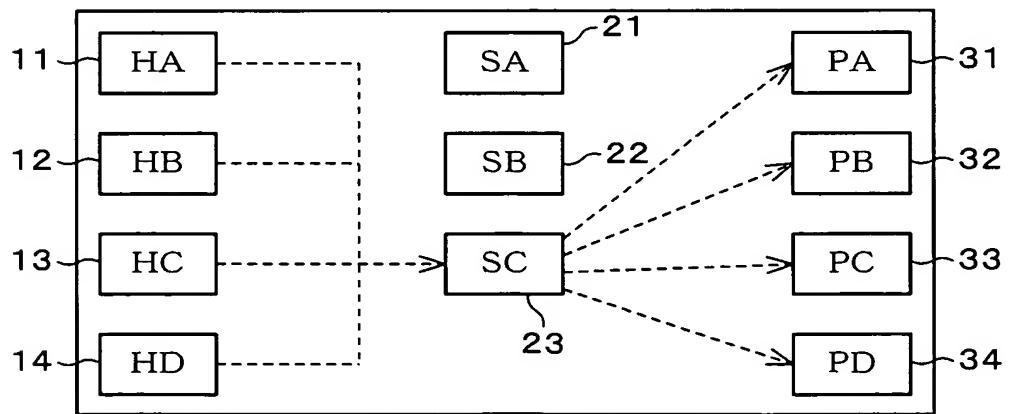


FIG. 5

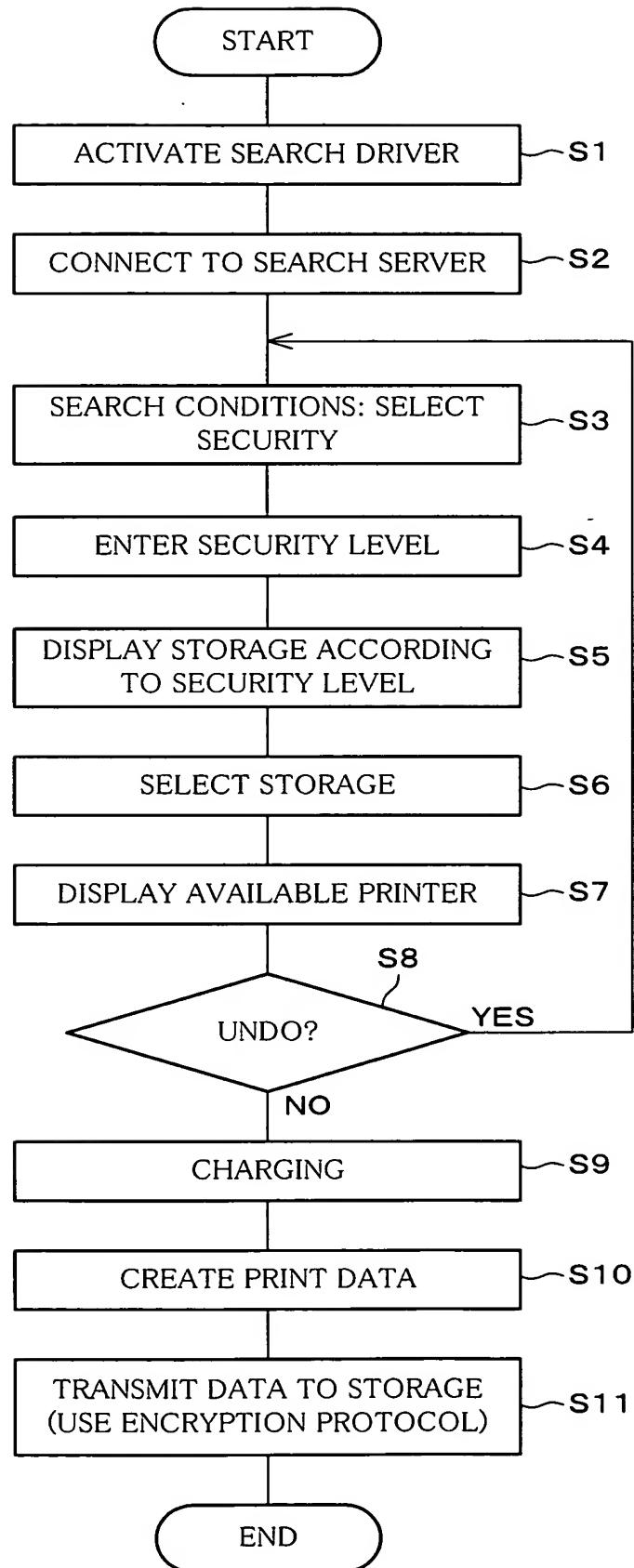


FIG. 6 (a)

SELECT A SEARCH CATEGORRY

PRINTER **STORAGE** **SECURITY**

FIG. 6 (b)

SELECT A SECURITY LEVEL

HIGH **MEDIUM** **LOW**

FIG. 6 (c)

SECURITY LEVEL: HIGH
STORÁGE SEARCHED
SELECT A STORAGE. AVAILABLE PRINTER WILL BE SEARCHED

	STORAGE NAME	FEE
1	STORAGE SA	200 YEN
2	STORAGE SD	150 YEN
3	STORAGE SG	200 YEN

NARROW DOWN STORAGES **PRINTER CONDITIONS**

FIG. 6 (d)

SECURITY LEVEL: HIGH
PRINT LOCATION : NARA PREFECTURE
PRINT JOB AVAILABLE FROM THE PRINTERS BELOW

	PRINTER NAME	LOCATION	PRINTER FUNCTION
STORAGE SA	PRINTER PA	CONVENIENCE STORE A	COLOR PRINTING, DOUBLE-SIDED PRINTING
	PRINTER PB	CONVENIENCE STORE B	DOUBLE-SIDED PRINTING, STAPLING

OK **RETURN** **START OVER**

FIG. 7

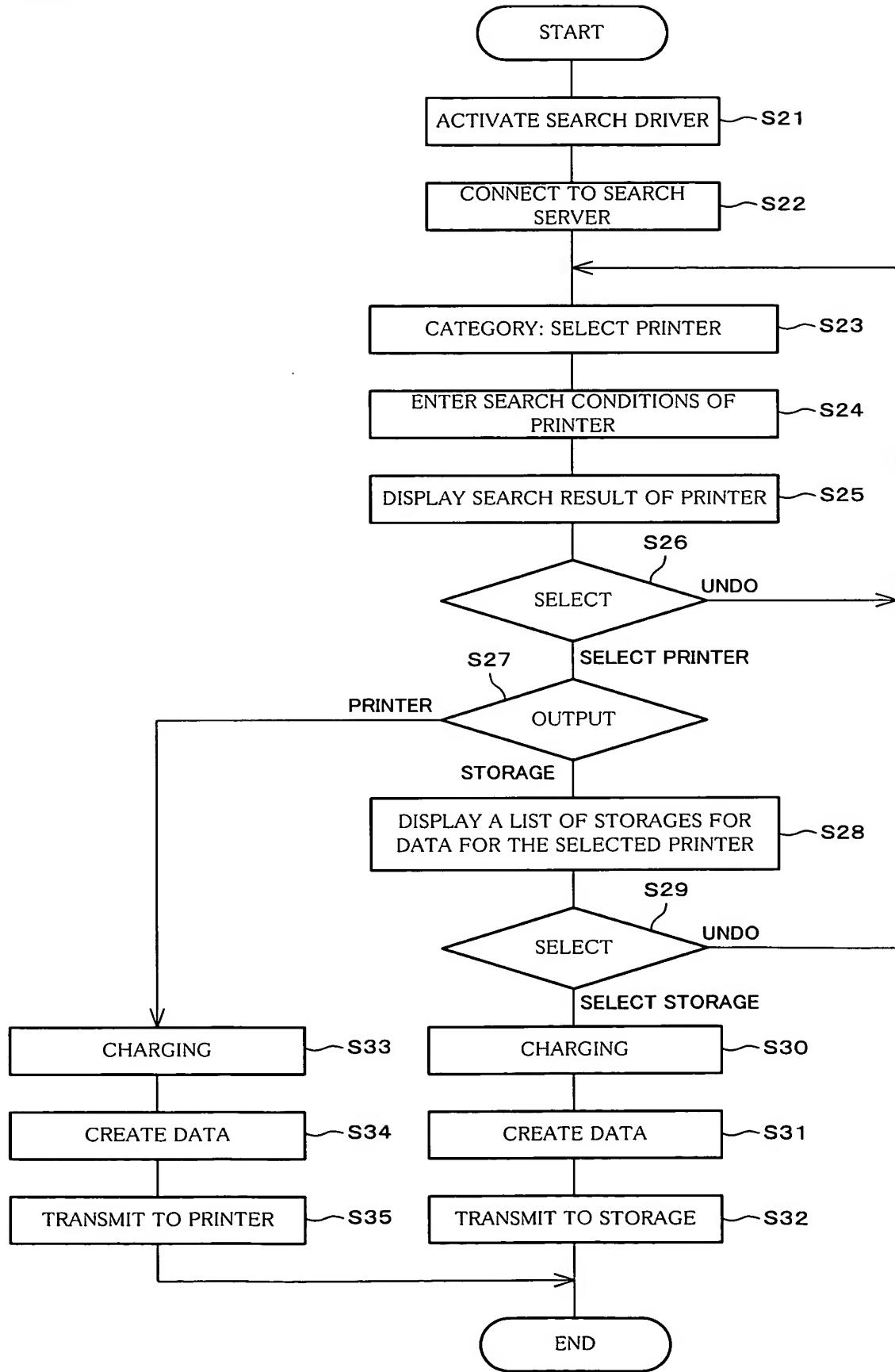


FIG. 8 (a)

SELECT A SEARCH CATEGORY

PRINTER	STORAGE	SECURITY
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FIG. 8 (b)

SELECT A SEARCH CONDITION

ADDRESS	FUNCTION	LIST
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FIG. 8 (c)

ADDRESS: NARA PREFECTURE
PRINTER SEARCHED
SELECT A PRINTER. STORAGE CONTAINING PRINT DATA FOR THE PRINTER WILL BE
SEARCHED

	PRINTER NAME	LOCATION	PRINTER FUNCTION	SECURITY
1	PRINTER PA	CONVENIENCE STORE A	COLOR PRINTING, DOUBLE-SIDED PRINTING	TOP SECRET • HIGH MEDIUM • LOW
2	PRINTER PB	CONVENIENCE STORE B	DOUBLE-SIDED PRINTING, STAPLING	HIGH • MEDIUM • LOW
3	PRINTER PC	CONVENIENCE STORE C	COLOR PRINTING, DOUBLE-SIDED PRINTING , STAPLING	MEDIUM • LOW
4	PRINTER PD	CONVENIENCE STORE D	DOUBLE-SIDED PRINTING, STAPLING	LOW

DIRECTLY OUTPUT TO PRINTER	OUTPUT TO STORAGE	RETURN	START OVER
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FIG. 8 (d)

AVAILABLE SOTRAGES TO PRINTER PA
SELECT A STORAGE

	STORAGE NAME	SECURITY LEVEL	Fee
1	STORAGE SA	HIGH (TOP SECRET)	200 YEN
2	STORAGE SB	MEDIUM	100 YEN
3	STORAGE SC	LOW	FREE

OK	RETURN	START OVER
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FIG. 9

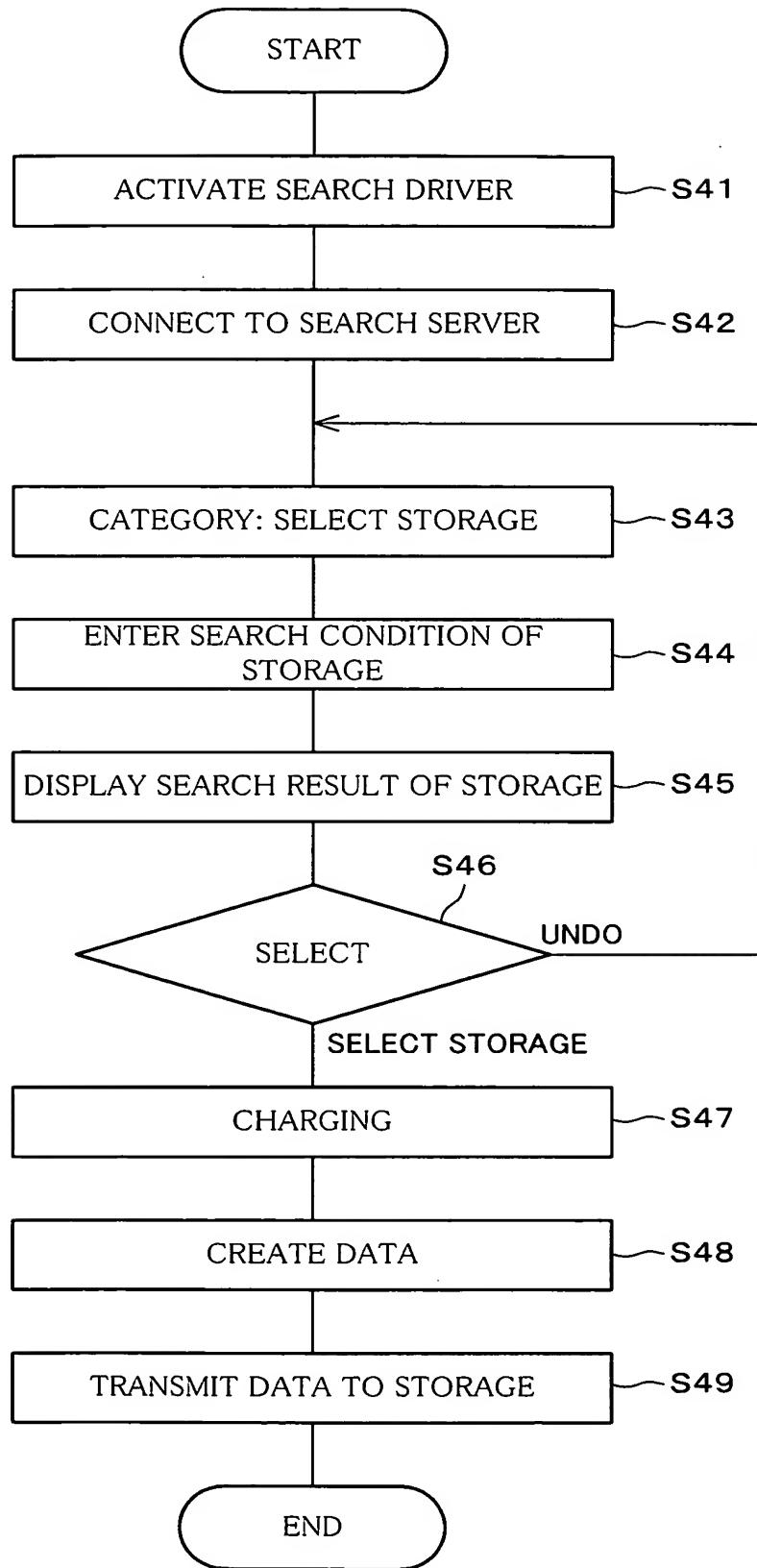


FIG. 10 (a)

SELECT A SEARCH CATALOG

PRINTER STORAGE SECURITY

FIG. 10 (b)

SELECT A SEARCH CONDITION

NAME SECURITY LIST

FIG. 10 (c)

STORAGE SC SEARCHED

	STORAGE NAME	AVAILABLE PRINTERS	SECURITY	FEE
1	STORAGE SC	PRINTER PA PRINTER PB PRINTER PC PRINTER PD	LOW	FREE

SECURITY LEVEL IS LOW
STORAGE WITH HIGH SECURITY LEVEL IS RECOMMENDED FOR HIGHLY SECRET DATA

OK RETURN START OVER DETAILS OF PRINTER

FIG. 10 (d)

STORAGE SA SEARCHED

	STORAGE NAME	AVAILABLE PRINTERS	SECURITY	FEE
1	STORAGE SA	PRINTER PA	TOP SECRET	200 YEN
		PRINTER PB	HIGH	

OK RETURN START OVER DETAILS OF PRINTER

FIG. 11

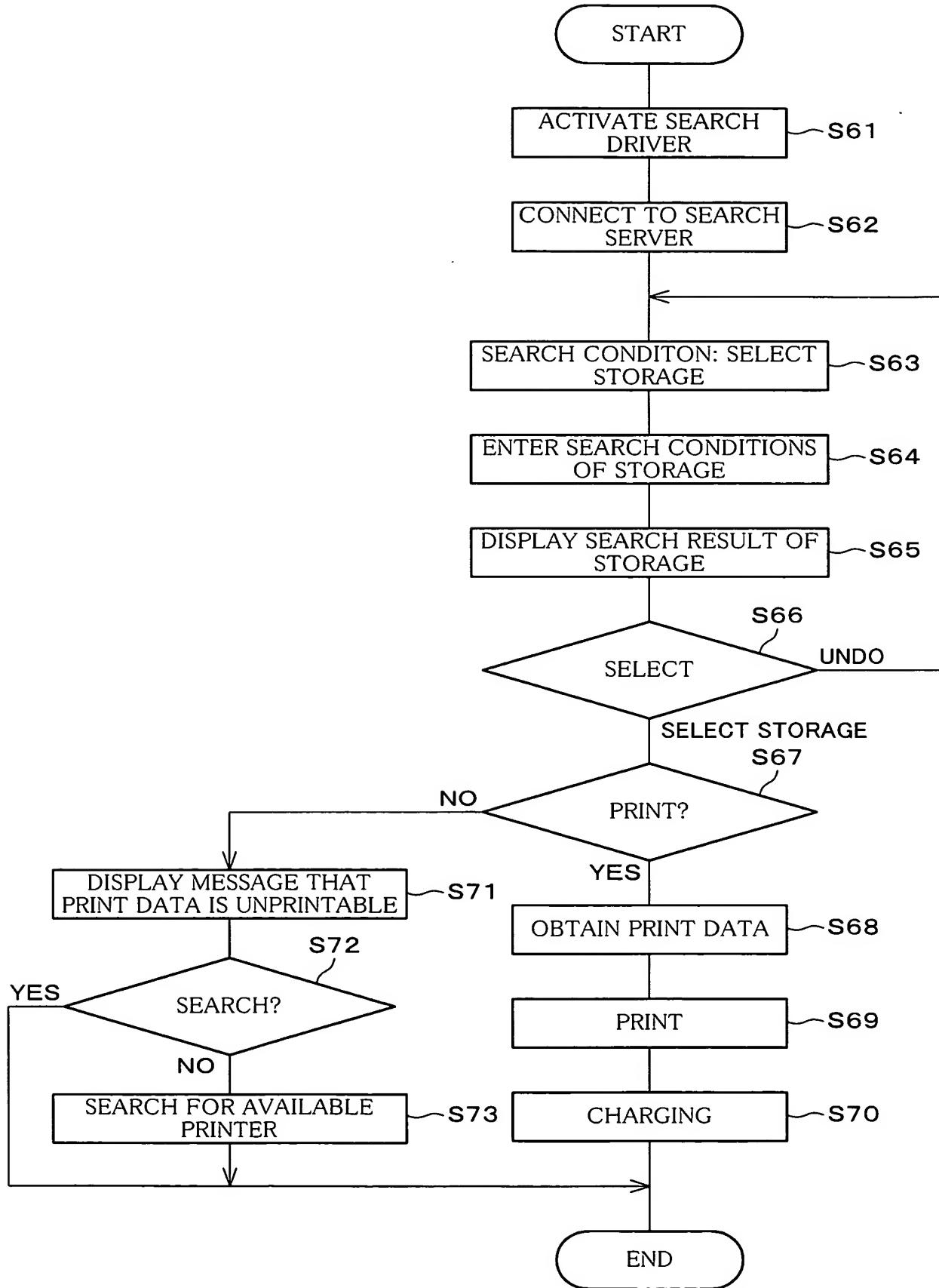


FIG. 12

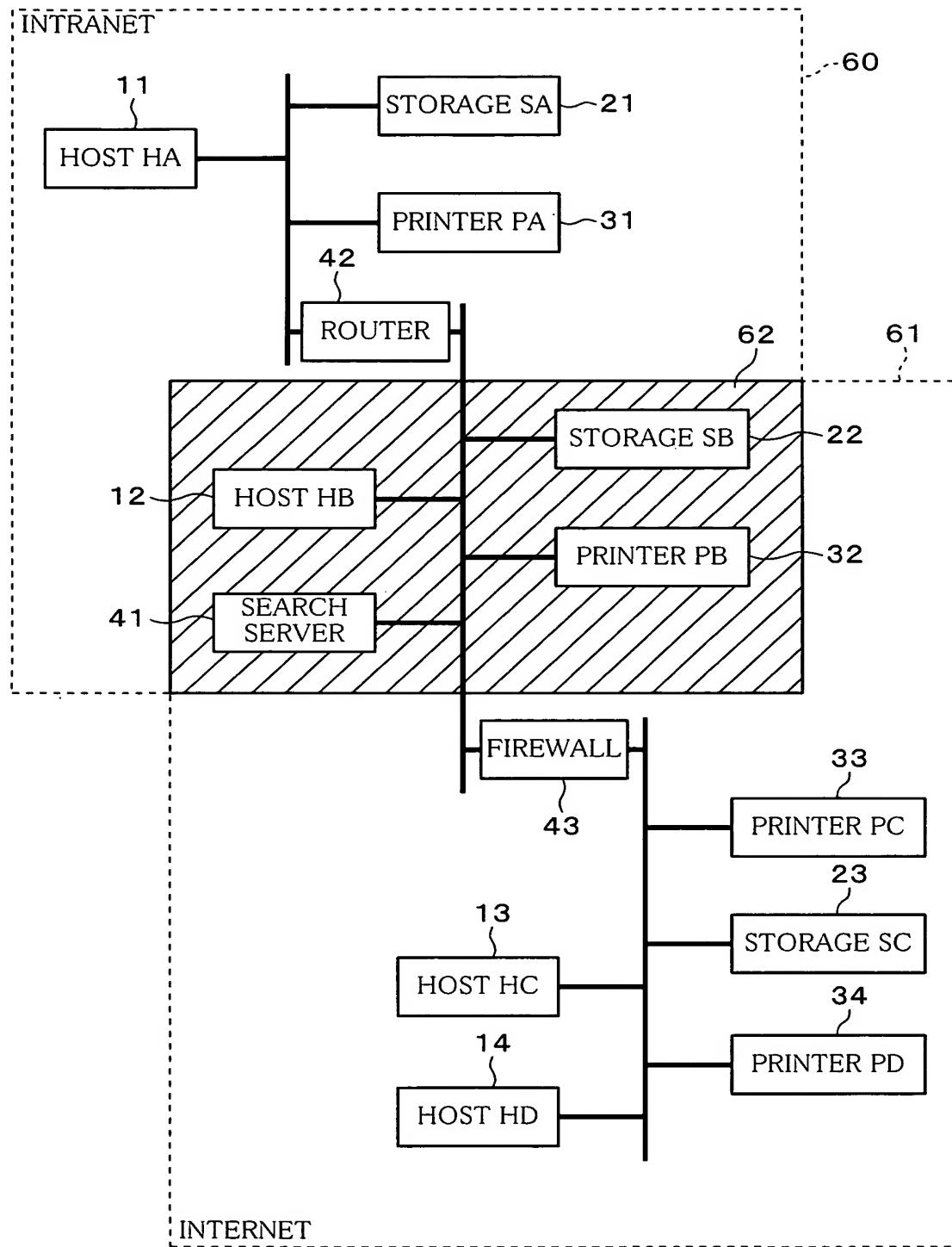


FIG. 13 (a) HOST INFORMATION STORING SECTION

HOST NAME	AVAILABLE STORAGE	LOCATION
HOST HA	INTRANET	COMPANY A HEADQUARTERS
HOST HB	INTRANET INTERNET	COMPANY A TOKYO BRANCH
HOST HC	INTERNET STORAGE SB	INTERNET A
HOST HD	INTERNET	INTERNET B

FIG. 13 (b) PRINTER INFORMATION STORING SECTION

PRINTER NAME	AVAILABLE STORAGE	LOCATION	FUNCITON
PRINTER PA	INTRANET	COMPANY A HEADQUARTERS	COLOR PRINTING, DOUBLE-SIDED PRINTING
PRINTER PB	INTRANET INTERNET	COMPANY A TOKYO BRANCH	DOUBLE-SIDED PRINTING, STAPLING
PRINTER PC	INTERNET STORAGE SB	CONVENIENCE STORE A	COLOR PRINTING, DOUBLE-SIDED PRINTING, STAPLING
PRINTER PD	INTERNET	CONVENIENCE STORE B	COLOR PRINTING

FIG. 13 (c) STORAGE INFORMATION STORING SECTION

STORAGE NAME	AVAILABLE HOST	AVAILABLE PRINTER	LOCATION
STORAGE SA	INTRANET	INTRANET	COMPANY A HEADQUARTERS
STORAGE SB	INTRANET HOST HC	INTRANET PRINTER PC	COMPANY A TOKYO BRANCH
STORAGE SC	INTERNET	INTERNET	INTERNET A

FIG. 13 (d) DEVICE INFORMATION STORING SECTION

STORAGE NAME	AVAILABLE HOST	AVAILABLE PRINTER	SECURITY LEVEL
STORAGE SA	HA, HB	PA, PB	HIGH
STORAGE SB	HA, HB, HC	PA, PB, PC	MEDIUM
STORAGE SC	HB, HC, HD	PC, PD	LOW

FIG. 14 (a)

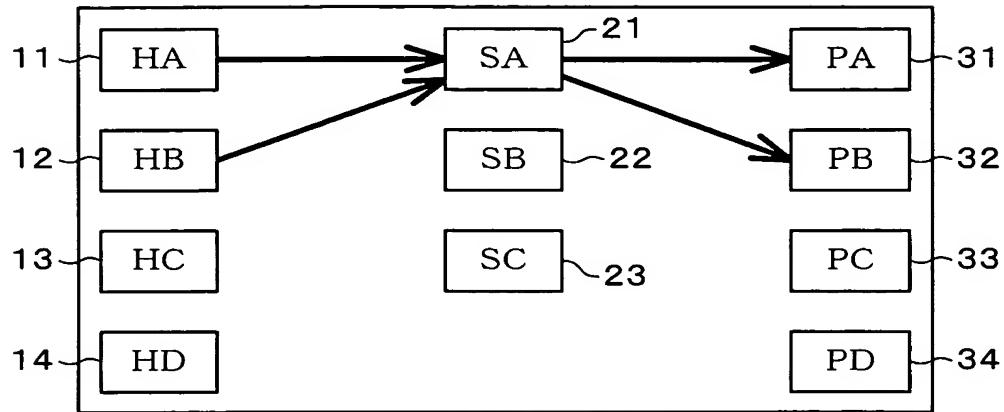


FIG. 14 (b)

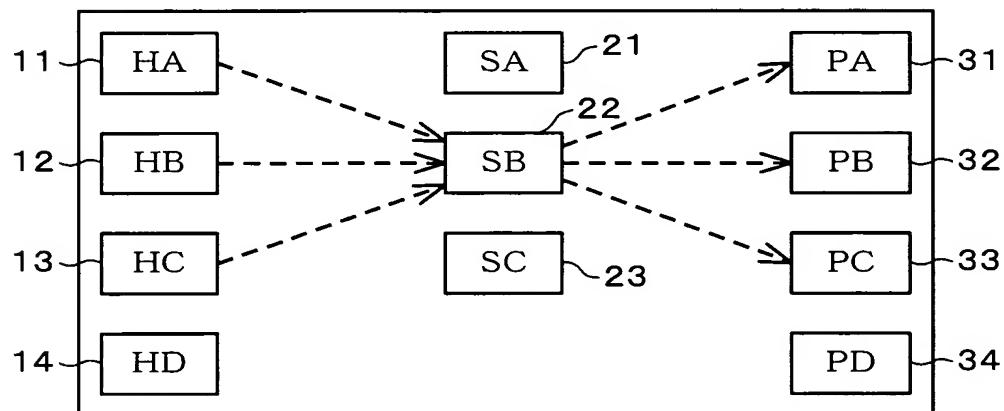


FIG. 14 (c)

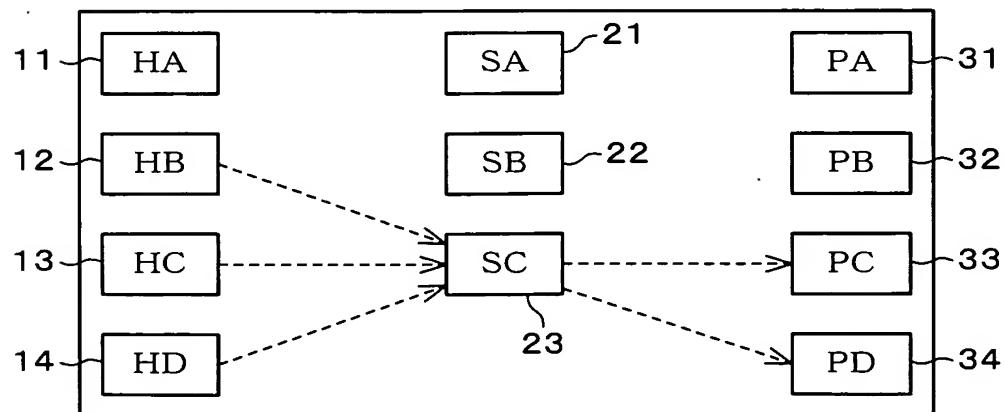


FIG. 15

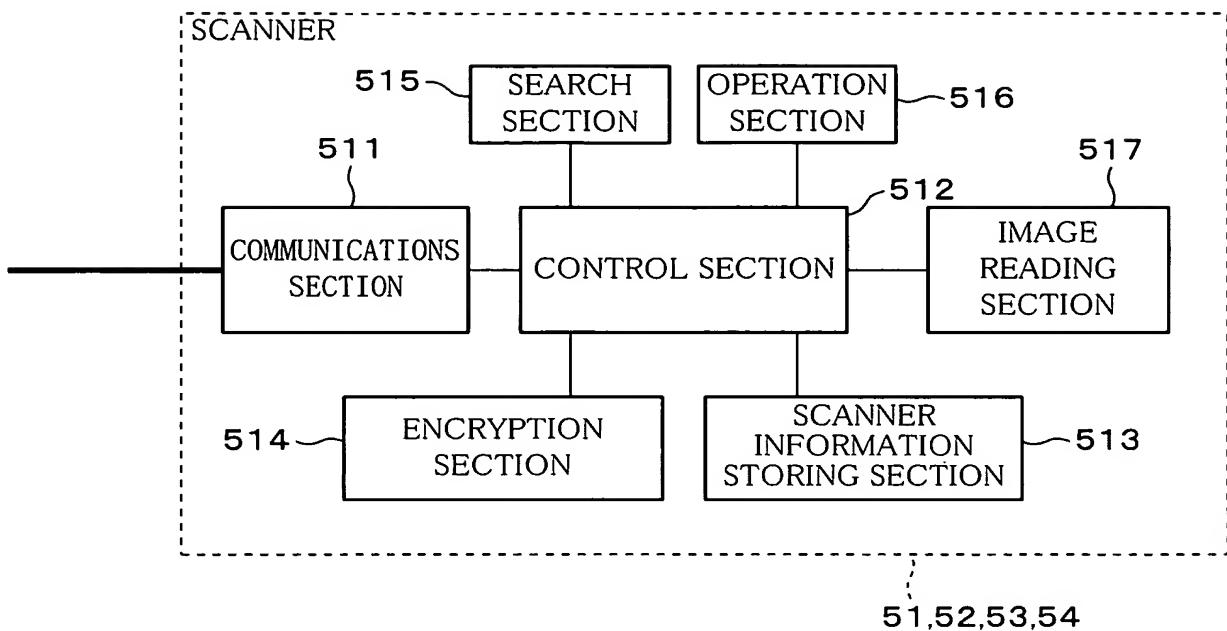


FIG. 16 (a) STORAGE INFORMATION STORING SECTION

STORAGE NAME	STORAGE FEE	DATA PROTECTION FUNCTION (LEVEL)	
STORAGE SA	200 YEN	ONLY ENCRYPTION PROTOCOL 2.0 ENCRYPTION STORAGE	HIGH (TOP SECRET)
STORAGE SB	100 YEN	ONLY ENCRYPTION PROTOCOL 1.0	MEDIUM
STORAGE SC	FREE	—	LOW

FIG. 16 (b) SCANNER INFORMATION STORING SECTION

SCANNER NAME	DATA PROTECTION FUNCTION (LEVEL)		LOCATION	SCANNER FUNCTION
SCANNER ScA	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0 DATA ENCRYPTION	TOP SECRET	CONVENIENCE STORE A	COLOR PRINTING: 2400dpi
SCANNER ScB	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0	HIGH	CONVENIENCE STORE B	COLOR PRINTING: 2400dpi
SCANNER ScC	ENCRYPTION PROTOCOL 1.0	MEDIUM	CONVENIENCE STORE C	COLOR PRINTING: 1200dpi
SCANNER ScD	—	LOW	CONVENIENCE STORE D	BLACK-AND-WHITE PRINTING: 600dpi

FIG. 16 (c) HOST INFORMATION STORING SECTION

HOST NAME	DATA PROTECTION FUNCTION	DATA ENCRYPTION/DECRYPTION FUNCTION
HOST HA	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0	PRESENT
HOST HB	ENCRYPTION PROTOCOL 2.0 ENCRYPTION PROTOCOL 1.0	ABSENT
HOST HC	ENCRYPTION PROTOCOL 1.0	PRESENT
HOST HD	—	ABSENT

FIG. 16 (d) DEVICE INFORMATION STORING SECTION

ROUTE	ENCRYPTION PROTOCOL	DATA ENCRYPTION	SECURITY LEVEL
ScA→SA→HA	2.0	PRESENT	TOP SECRET
ScA, ScB→SA→HA, HB	2.0	ABSENT	HIGH
ScA→SB→HA, HC	1.0	PRESENT	
ScA, ScB, ScC →SB →HA, HB, HC	1.0	ABSENT	MEDIUM
ScA→SC→HA, HC	ABSENT	PRESENT	
ScA, ScB, ScC, ScD →SC →HA, HB, HC, HA	ABSENT	ABSENT	LOW

FIG. 17 (a) SECURITY LEVEL:TOP SECRET

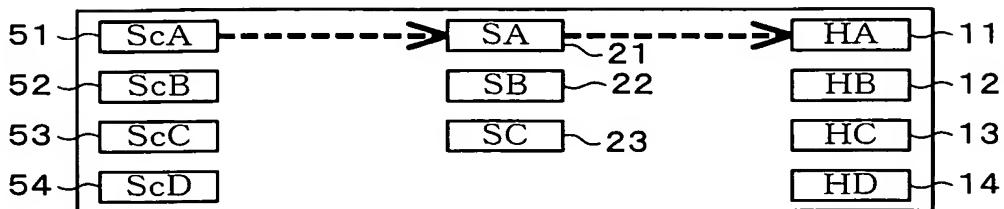


FIG. 17 (b) SECURITY LEVEL:HIGH-1

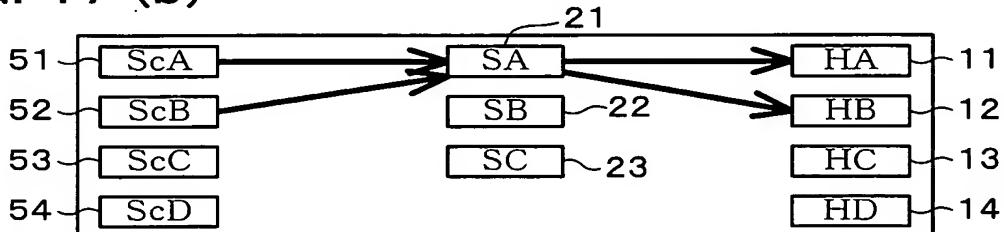


FIG. 17 (c) SECURITY LEVEL:HIGH-2

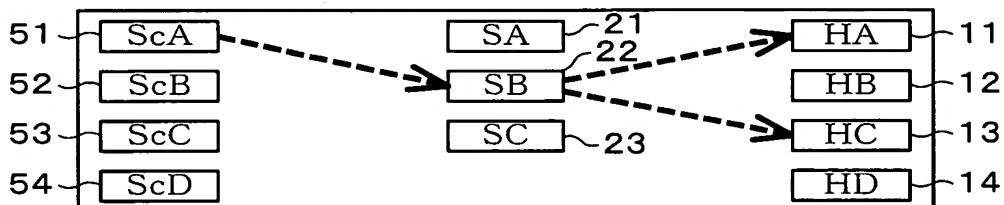


FIG. 17 (d) SECURITY LEVEL:MEDIUM-1

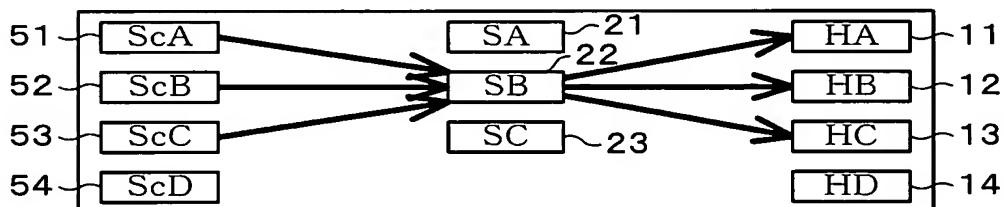


FIG. 17 (e) SECURITY LEVEL:MEDIUM-2

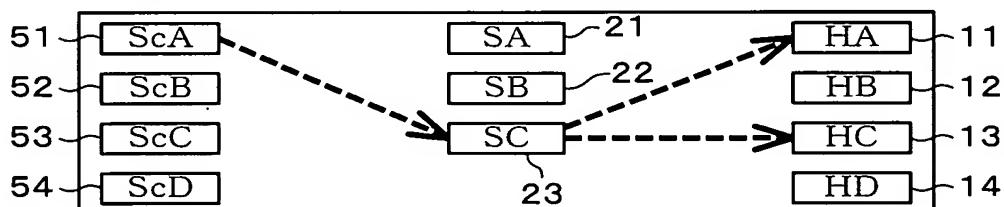


FIG. 17 (f) SECURITY LEVEL:LOW

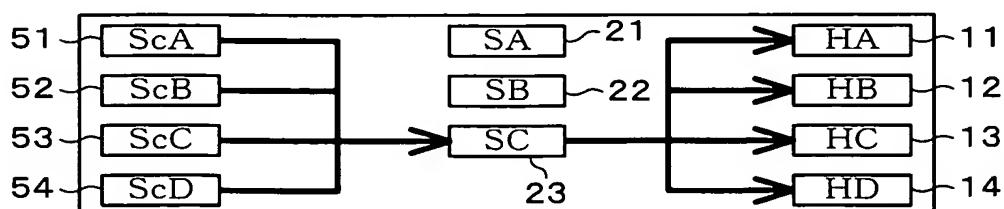


FIG. 18

